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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Torres et al. GROUP: 2631  
SERIAL NO: 10/077,542 EXAMINER: Unknown  
FILED: 02/15/2002  
FOR: MODULATION OF DYNAMICAL SYSTEMS FOR COMMUNICATIONS

Assistant Commissioner of Patents  
Washington, D.C. 20231

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Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The listed documents were recently cited in a corresponding PCT application, and a copy of the International Search Report is being submitted herewith for purposes of convenience.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Emily C. Porell

2/25/2002

Date

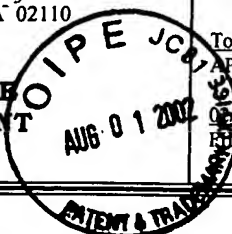
FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP  
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GROUPUnknown  
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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Torres et al.  
APPLICANT08/15/2002  
FILING DATE

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## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,402,334	03/28/1995	Pecora et al.			03/11/1992
	AB						
	AC						
	AD						
	AE						
	AF						

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## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AG						
	AH						
	AI						

## **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AJ	"Synchronization of Lorenz-Based Chaotic Circuits with Applications to Communications," Cuomo et al. IEEE Transactions on Circuits and Systems. October 1993. Vol. 40, No. 10.
	AK	"Multi-User Communication using Chaotic Frequency Modulation," Volkovskii et al. IEEE Transactions on Circuits and Systems. 2001.
	AL	"Synchronization and Communication Using Chaotic Frequency Modulation," Volkovskii et al. Institute for Nonlinear Science. March 23, 1999.
	AM	"Current Problems for the Transmission of Information Using a Chaotic Signal," Martin Hasler. Swiss Federal Institute of Technology. 1997.
	AN	
	AO	

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Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.